

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions,  
and listings of claims in the application:

**LISTING OF CLAIMS:**

**1-18. (canceled)**

**19. (previously presented)** A canine CD20 protein having an amino acid sequence according to SEQ ID NO: 1.

**20. (previously presented)** A protein having a homology of 70% or higher with an amino acid sequence according to SEQ ID NO: 1, and having the same function as a canine CD20 protein.

**21. (previously presented)** A protein having a homology of 80% or higher with an amino acid sequence according to SEQ ID NO: 1, and having the same function as a canine CD20 protein.

**22. (currently amended)** A canine CD20 protein encoded by a DNA encoding canine CD20 sequence according to SEQ ID NO: 3.

**23. (currently amended)** A canine CD20 protein encoded by a polynucleotide having a homology of 70% or higher with a DNA sequence according to SEQ ID NO: 3.

**24. (currently amended)** A canine CD20 protein encoded by a polynucleotide having a homology of 80% or higher with a DNA sequence according to SEQ ID NO: 3.

**25. (previously presented)** An RNA encoding canine CD20 according to SEQ ID NO: 4.

**26. (previously presented)** A polynucleotide having a homology of 70% or higher with an RNA sequence according to SEQ ID NO: 4.

**27. (previously presented)** A polynucleotide having a homology of 80% or higher with an RNA sequence according to SEQ ID NO: 4.

**28. (previously presented)** A plasmid vector comprising a canine CD20 gene fragment according to Claim 22.

**29. (previously presented)** A plasmid vector comprising a polynucleotide according to Claim 23.

**30. (previously presented)** A plasmid vector comprising a canine CD20 gene fragment according to Claim 25.

**31. (previously presented)** A plasmid vector comprising a polynucleotide according to Claim 26.

**32. (previously presented)** A transformant comprising a plasmid vector according to Claim 28.

**33. (previously presented)** A transformant comprising a plasmid vector according to Claim 30.

**34. (previously presented)** A primer according to SEQ ID NO: 19 for diagnosing canine malignant lymphoma which amplifies canine CD20 gene or a fragment thereof.

**35. (previously presented)** A primer according to SEQ ID NO: 20 for diagnosing canine malignant lymphoma which amplifies canine CD20 gene or a fragment thereof.

**36. (previously presented)** A method of diagnosing canine malignant lymphoma by amplifying canine CD20 gene or a fragment thereof to examine expression of the canine CD20 gene using a primer according to Claim 34.

**37. (previously presented)** A plasmid vector comprising a polynucleotide according to Claim 24.

**38. (previously presented)** A plasmid vector comprising a polynucleotide according to Claim 27.

**39. (previously presented)** A transformant comprising a plasmid vector according to Claim 29.

**40. (previously presented)** A transformant comprising a plasmid vector according to Claim 31.